

## Datasheet

### CD19 monoclonal antibody (M01A), clone 1G3

**Catalog Number:** H00000930-M01A

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant CD19.

**Clone Name:** 1G3

**Immunogen:** CD19 (NP\_001761, 98 a.a. ~ 187 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

QPGPPSEKAWQPGWTVNVEGSGELFRWNVSDLGGL  
GCGLKNRSSEGPSSPSGKLMSPKLYVWAKDRPEIWE  
GEPPCVPPRDSLNLQSLSQD

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, WB-Re, WB-Tr  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG2a Kappa

**Storage Buffer:** In ascites fluid

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 930

**Gene Symbol:** CD19

**Gene Alias:** B4, MGC12802

**Gene Summary:** Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is

achieved with the use of low-affinity antigen receptors. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation. [provided by RefSeq]